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SAW (GB). THOMPSON, Mervyn [GB/GB]; Glaxo-SmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). WITTY, David [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

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(74) Agent: HOCKLEY, Sian, Catherine; GlaxoSmithKline, CN925.1, 980 Great West Road, Brentford, Middlesex TW8 9GS (GB).

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(71) Applicant (for all designated States except US): GLAXO GROUP LIMITED [GB/GB]; Glaxo Wellcome House, Berkeley Avenue, Greenford, Middlesex UB6 0NN (GB).

(84) Designated States (regional): ARIPO patent (GH, GM, MM, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), WIPO patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), PCT (AT, BE, BG, CH, CY, CZ, DE, DK, EE, GR, HU, IE, IT, LU, MC, NL, PT, RO, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GQ, GW, ML, MR, NE, SN, TD, TG).

(72) Inventors; and

(75) Inventors/Applicants (for US only): JOHN Christopher, Norbert [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). MACDONALD, Gregor, James [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). MITCHELL, Darren, Jason [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). MOSS, Stephen, Frederick [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19

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(54) Title: NOVEL COMPOUNDS

(57) Abstract: The present invention relates to novel quinoline and aza indole compounds having pharmacological activity, processes for their preparation, to compositions containing them and to their use in the treatment of CNS and other disorders.

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SAW (GB). THOMPSON, Mervyn [GB/GB]; Glaxo-SmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). WITTY, David [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

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(71) Applicant (*for all designated States except US*): **GLAXO GROUP LIMITED** [GB/GB]; Glaxo Wellcome Ltd., Berkeley Avenue, Greenford, Middlesex UB6 ON, UK

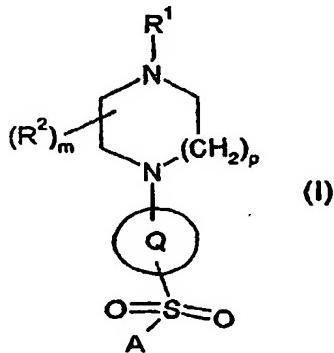
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(54) Title: QUINOLINE AND AZA-INDOLE DERIVATIVES AND THEIR USE AS 5-HT6 LIGANDS

WO 2003/080608 A3



(57) Abstract: The present invention relates to quinoline and aza indole compounds of formula (I) or a pharmaceutically acceptable salt thereof having pharmacological activity, processes for their preparation, to compositions containing them and to their use in the treatment of CNS and other disorders.

## INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER  
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According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages                                  | Relevant to claim No. |
|----------|---|-----------------------|
| A        | WO 99 65906 A (ALLELIX BIOPHARMACEUTICALS INC.) 23 December 1999 (1999-12-23)<br>cited in the application<br>claims | 1,3,4                 |
| A        | WO 01 12629 A (NPS ALLELIX CORP.)<br>22 February 2001 (2001-02-22)<br>claims  | 1,3,4                 |

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## \* Special categories of cited documents :

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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

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European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

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| Patent document cited in search report | Publication date |            | Patent family member(s)                      |  | Publication date   |
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| WO 9965906                             | A                | 23-12-1999 | US<br>AT<br>AU<br>AU<br>CA<br>WO<br>EP<br>JP | 6251893 B1<br>251163 T<br>765256 B2<br>4253199 A<br>2335285 A1<br>9965906 A1<br>1105393 A1<br>2003523922 T | 26-06-2001<br>15-10-2003<br>11-09-2003<br>05-01-2000<br>23-12-1999<br>23-12-1999<br>13-06-2001<br>12-08-2003 |
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